

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A method of updating user interface data in a server-client system (10) arrangement of electronic products, the method comprising:

a server (12) sends a message to the system concerning a node (28, 54) in a hierarchical array of a user interface, the message providing an indication of what is the most recent data for the user interface node, and the server monitors the system for a response to that message.

2. (original) A method according to Claim 1 wherein, if the server (12) receives a response, the server sends the most recent data for that user interface node (28, 54).

3. (currently amended) A method according to ~~Claims 1 or 2~~_{claim 1} wherein the message includes information on the current data for the node (28, 54) and, if the client (14, 16) does not have that current data, a response is sent.

4. (currently amended) A method according to ~~any preceding claim~~_{claim 1} wherein the message-sending and response-monitoring

operations are repeated for a number of nodes (28, 54) in the array.

5. (currently amended) A method according to ~~any preceding~~ ~~claim~~claim 1 wherein the array is arranged in a plurality of groups of user interface actions and, when a response has been received, the server (12) sends a message concerning the next node (28, 54) in the same user interface group as the previous node.

6. (currently amended) A method according to ~~any preceding~~ ~~claim~~claim 1 wherein the array is arranged in a plurality of groups of user interface actions and, when no response has been received, the server (12) sends a message concerning a node (28, 54) in a subsequent user interface group of the array.

7. (currently amended) A method according to ~~any preceding~~ ~~claim~~claim 1 comprising the server (12) sending a message having data including a time stamp to indicate the last time that the data was up-dated.

8. (currently amended) A method according to ~~any preceding~~ ~~claim comprising~~claim 1 storing data concerning the user interface nodes (28, 54) in a cache (24) at a client (14, 16).

9. (currently amended) A method according to ~~any preceding~~
~~claim~~claim 1 comprising the client (14, 16) indicating where in the array updating is required.

10. (currently amended) A method according to ~~any preceding~~
~~claim~~claim 1 wherein the client (14, 16) send information of the oldest data beneath the node for cache updating.

11. (currently amended) A computer program product directly loadable into the internal memory of a digital computer, comprising software code portions for performing the method of ~~any one or more of Claims 1 to 8~~claim 1 when said product is run on a computer.

12. (currently amended) A computer program directly loadable into the internal memory of a digital computer, comprising software code portions for performing the method of ~~any one or more of Claims 1 to 10~~claim 1 when said program is run on a computer.

13. (original) A carrier, which may comprise electronic signals, for a computer program of Claim 12.

14. (currently amended) Electronic distribution of a computer program product of Claim 11, or a computer program of ~~Claim 12, or a carrier of Claim 13.~~

15. (original) A system (10) for updating user interface data in a server-client system (10) arrangement of electronic products, the system comprising:

a server (12) to send a message to the system concerning a node (28, 54) in a hierarchical array of a user interface, the message providing an indication of what is the most recent data for the user interface node, the server to monitor the system for a response to that message.

16. (original) A system (10) according to Claim 16 wherein the server (12) has means to send the most recent data for that user interface node (28, 54) if the server receives a response.

17. (currently amended) A system (10) according to ~~Claims 15 or 16~~claim 15 wherein the message includes information on the current data for the node (28, 54) and comprising means to send a response if the client does not have that current data.

18. (currently amended) A system (10) according to ~~any of~~
~~Claims 15 to 17~~claim 15 comprising means to repeat message-sending
and response-monitoring operations for a number of nodes (28, 54)
in the array.

19. (currently amended) A system (10) according to ~~any of~~
~~Claims 15 to 18~~claim 15 wherein the array is arranged in a
plurality of groups of user interface actions and the server (12)
has means to send a message concerning a node (28, 54) in the same
user interface group as the previous node, when a response has been
received.

20. (currently amended) A system (10) according to ~~any of~~
~~Claims 15 to 19~~claim 15 wherein the array is arranged in a
plurality of groups of user interface actions and the server (12)
sends a message concerning a node (28, 54) in a subsequent user
interface group of the array, when no response has been filed.

21. (original) A server (12) for a system (10) for updating
user interface data in a server-client arrangement of electronic
products, the server having means to send a message to the system
concerning a node (28, 54) in a hierarchical array of a user
interface, the message providing an indication of what is the most

recent data for the user interface node, the server having means to monitor the system for a response to that message.

22. (original) A server (12) according to Claim 21 wherein the server has means to send the most recent data for that user interface node (28, 54) if the server receives a response.

23. (currently amended) A server (12) according to ~~Claims 21 or 22~~claim 21 wherein the message includes information on the current data for the node (28, 54) and comprising means to send a response if the client does not have that current data.

24. (currently amended) A server (12) according to ~~any of Claims 21 to 23~~claim 21 comprising means to repeat message-sending and response-monitoring operations for a number of nodes in the array.

25. (currently amended) A server (12) according to ~~any of Claims 21 to 24~~claim 21 wherein the array is arranged in a plurality of groups of user interface actions and the server has means to send a message concerning a node (28, 54) in the same user interface group as the previous node, when a response has been received.

26. (currently amended) A server (12) according to any of
~~Claims 21 to 25~~claim 21 wherein the array is arranged in a plurality of groups of user interface actions and the server send a message concerning a node (28, 54) in a subsequent user interface group of the array, when no response had been filed.

27. (original) A client (14, 16) for updating user interface data in a server-client system (10) arrangement of electronic products, the client having means to receive a message to the system concerning a node in a hierarchical array of a user interface, the message providing an indication of what is the most recent data for the user interface node.

28. (original) A client (14, 16) according to Claim 27 comprising means to send a response to a message if the client does not have the current data for that node (28, 54).

29. (currently amended) A client (14, 16) according to
~~Claims 27 or 28~~claim 27 wherein the array is arranged in a plurality of groups for user interface actions and a server (12) has means to send a message concerning a node in the same user

interface group as the previous node, when a response has been received.

30. (currently amended) A client (15, 16) according to any
~~of Claims 27 to 29~~ claim 27 wherein the array is arranged in a plurality of groups of user interface actions and a server sends a message concerning a node in a subsequent user interface group of the array, when no response has been filed.